1. **If a village is losing 10% of its water supply each day because of a burst water pipe, then what is the loss in rupees per day?**

   I. The daily water supply to the village is 600 million gallon.

   II. The cost to the village for every 48000 gallons of water lost is Rs.50.

   A. Statement I

   B. Statement II

   C. Both Statement I and II

   D. Either Statement I or Statement II

   E. Neither Statement I nor Statement II

   Answer & Explanation

2. **Total amount of Rs. 50600 was distributed among A, B and C. How much does each get?**

   I. A gets 2/9 of what the other two together get.

   II. C gets 3/11 of what the other two together get.

   A. Statement I

   B. Statement II

   C. Both Statement I and II

   D. Either Statement I or Statement II

   E. Neither Statement I nor Statement II

   Answer & Explanation

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3. **A and B start walking towards each other simultaneously. What is the distance between them when they start?**
I. 20 min after crossing each other they were 1600 m apart.
II. After crossing each other, A reaches the starting point of B in twice as much time as B takes to reach the starting point of A.
A. Statement I
B. Statement II
C. Both Statement I and II
D. Either Statement I or Statement II
E. Neither Statement I nor Statement II

Answer & Explanation

4. **What is the ratio of male to female officers in the police force in town P?**
I. The number of female officers is 200 less than half the number of male officers.
II. The number of female officers is 1/6 the number of male officers.
A. Statement I
B. Statement II
C. Both Statement I and II
D. Either Statement I or Statement II
E. Neither Statement I nor Statement II

Answer & Explanation

5. **If A is exactly 4 year older than B, how old is A?**
I. Exactly 9 year ago A was 5 times as old as B was then

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II. B is more than 9 year old

A. Statement I

B. Statement II

C. Both Statement I and II

D. Either Statement I or Statement II

E. Neither Statement I nor Statement II

Answer & Explanation

6. **Who earns most among A, B, C, D and E?**

I. A earns less than C but not less than E

II. D earns more than A but not equal to B

III. B earns more than A and E

A. Statement I

B. Statement II

C. Statement III

D. All statements

E. Can not be determined

Answer & Explanation

7. **Is the average of the largest and the smallest of four given numbers greater than the average of four numbers**

I. The difference between the largest and the second largest number is less than the difference between the second largest and the second

smallest number.

II. The difference between the largest and the second largest number is greater than the difference between the second smallest and the smallest number

III. The difference between the largest and the second smallest number is greater than the difference between the second largest and the smallest number.

A. Only Statement I

B. Either II or III

C. I and Either II or III

D. Only Statement II

E. Can not be determined

Answer & Explanation

8. **A 31m long wire is cut into three pieces. How long is the longest piece**

I. Two pieces are each 1m shorter than the longest piece

II. Two pieces of the wire are of the same length.

A. Only I

B. Only II

C. Either I or II

D. Neither I nor II

E. None of these

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Answer & Explanation

9. **Mumbai Express leaves Chennai at 3 pm for Mumbai. At what time will it reach Mumbai?**

I. It maintains the average speed of 100 kmph.

II. It has four stoppages of 10 min each between Chennai and Mumbai

III. It covers 300 km before each stoppage

A. Only I

B. Only II

C. Either I or II

D. Neither I nor II

E. All III

Answer & Explanation

10. **Find the area of an isosceles triangular plot?**

I. Perimeter of the triangular plot is 100m

II. Base of the triangle is 18 cm

III. Height of the triangle is 24 cm

A. Only I

B. Only II

C. Either I or II

D. Neither I nor II

E. Both I and II

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **Reena and Meera bought and sold some sarees. What is the cost price of each saree?**

   I. The selling price of 29 sarees is 7395.

   II. They had sold N sarees, where the difference between N and the number obtained by interchanging its digits is 9.

   III. Even though they spent 150 on packaging, they made a total profit of 20%.

   IV. The number of sarees sold is the first two digit number which is preceded and followed by prime numbers.

   a. I, II, III

   b. All the four

   C. I, III and II or IV

   d. I , III and IV

   e. None of the above

   Answer & Explanation

2. **What are the ages of Lia and Mia?**

   I. Three years ago, Lia was 5 years younger to Mangesh and Mia was 7 years older to Mangesh.

   II. Ratio of present ages of Lia and Mia is 15:19

   III. Sum of the ages of Mangesh and Lia is 95

   a. I & II

   b. I &III

   c. I, II & III

   d. I & II or III

   e. None of these

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Answer & Explanation

3. **There were two traders, Matthew and Perry. They bought some chairs and tables from Stephen. Even though Stephen was getting a profit of 200 Rs/ chair and 370 Rs/ table, he charged Matthew and Perry an extra 50Rs per piece as handling charges. For what price did Matthew and Perry sell the chair, if they earned a total profit of 23.76%?**

I. Total amount spent on the chairs and tables were 1,59,000 and 3,21,500 Rs respectively.

II. There were equal number of chairs and tables and they sold only half of them.

III. The selling price of 5 tables and 2 chairs was 92,950.

a. All the three

b. I & II

c. I & III

d. II & III

e. None of the above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **What are the marks obtained by Sreya and Kia(assuming Sreya scored less than Kia)?**

I. The sum of their marks form 70% of the total score.

II. Ratio of marks of Sreya and Kia is 29:41

III. Ratio of the sum of their marks to difference of their marks is 35:6

IV. The square of six fifth of three fifth of half of Sreya's mark is 68121

a. I & IV

b. I,II & IV

c. I,II & III

d. II or III, I & IV

e. II or III, & IV

Answer & Explanation

5. **What will be the population of town Z in the year 2052?**

I. Present population of the town is 18,85,200

II. Population of the town 23 years back was 2,97,021

III. Rate of increase of population of town Z is 13.425%

IV. The ratio of the men to women ratio in 2052 will be 17:23

a. All are needed

b. Only I & III

c. None of the statements is sufficient

d. Only I & II

e. I, II & III

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **A and B together completed a work in 6 days. They got Rs. 1350 as remuneration. What would be the ratio in which the 1350 Rs would be split if C worked along with A and B?**

I. Ratio of no: of days taken by A & C is 5:9

II. Ratio of efficiency of A & B = 3:2

III. C is the least efficient of all

a. I only

b. II only

c. I & II

d. I, II & III

e. None of the above

Answer & Explanation

7. **Gina got 50 marks in English, but failed in the examination. What was the pass marks that year?**

I. Malu who got 80 passed the exam.

II. Total marks of the examination was 190

III. If Malu could give Gina the extra marks(than what she needed to pass the exam) she had, Gina would have passed with 10 extra marks.

a. I & II

b. I, II & III

c. I & III

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d. II & III

e. None

Answer & Explanation

8. **What is the amount invested by Sanchi in the business?**

I. Ratio of amounts invested by Sachi and Ada = 9:11

II. Total profit obtained = 1418520 Rs

III. Amount invested by Ada constitutes 55% of the total investment

IV. Amount invested by Ada is double the square of triple the square root of 3025

a. I, II & III

b. I & III or IV

c. III & IV

d. I or II & IV

e. I & IV or III & IV

Answer & Explanation

9. **What are the values of x and y?**

I. 21x + 33y + 9 = 180

II. x+y+249 = 256

III. (x-y)*87 = 261

a. I & II or III

b. II & I or III

c. I, III & III

d. I & II or I & III or II & III

e. None of the above

Answer & Explanation

10. **What is the area of the plot which is in the shape of a regular polygon?**

I. Perimeter of the plot is 1036m

II. Radius of the largest circle that can be inscribed in the plot is 129.5m

III. Diameter of the largest circle that can be inscribed in the plot is equal to the length one side of the plot.

a. I, II & III

b. I or II, & III

c. I & II

d. None of the above

Answer & Explanation

1. **What is the area of the hall ?**

I. The labour cost of flooring the hall is Rs.3500

II. The material cost of flooring the hall per sqmetre is Rs.250

III. The total cost of flooring the hall is Rs.16500

1.Only I and II

2.Only II and III

3.Any two of three

4.All I, II and III

5.All the given statements are Insufficient

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **What is the present age of Surya?**

   I. Five years ago, Surya age was double that of his son's age that time.

   II. Present age of Surya and his son are in the ratio of 11:6.

   III. Five year hence, the respective ratio of Surya's age and his son's age become 12:7

   1.Only I and II

   2.Only II and III

   3.Any two of three

   4. All are needed

   5.All the given statements are Insufficient

   Answer & Explanation

3. **What is the circumference of the semi-circle?**

   I. The difference between the length and the breadth of a parallelogram is 15cm.

   II. The area of the semi-circle is half the area of the parallelogram.

   III. The length of the parallelogram is 2.5 times the radius of the circle.

   1.Only I and II

   2.Only II and III

   3.Any two of three

Note: The Information Provided here is only for reference. It May vary the Original.

4.All I, II and III

5.All the given statements are Insufficient

Answer & Explanation

4. **How much time will the train A take to cross another train B running in opposite direction?**

I. Train A crosses a signal pole in 7s

II. Ratio of the speed of trains A and B is 3:5

III. Length of two trains together is 500m

1.Only I

2.Only II

3.Only III

4.Only I and II

5. All the given statements are Insufficient

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **What is the average age of six members Mani, Naveen, Priya, Pavi, Venu and Ravi ?**

I. Total age of Naveen and Ravi are 16 years

II. Average age of Mani,Pavi are 12 years

III. The sum of ages of Priya and Venu are 62 years

1.Only I is sufficient

2.Only II is sufficient

3.Only III is sufficient

4.Any two of the three are sufficient

5.All I , II, III are needed

Answer & Explanation

6. **What is the population of State P?**

I. After 19% increase the population of State P will become 20.23 lakh.

II. The population of state Q is 42.5 lakh

III. The ratio of population of State P to that of State Q is 2:5

1.Only I

2.Only II and III

3.Either only I or II and III

4.All I, II and III

5.Only I and III

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **How many articles were sold?**

I. Total profit earned was Rs. 3000

II. Cost-price per article was Rs. 670

III. Selling price per article was Rs. 820

1.II and III only are Sufficient

2.I and II only are Sufficient

3.All I, II and III are Sufficient

4.Any two of the three are Sufficient

5.None of these

Answer & Explanation

8. **What is the rate of interest per annum ?**

I.An amount double itself at SI in 10 years

II.The difference between SI and CI on an amount of Rs.20,000 in 2 years is Rs.200

III.The CI accured in 8 years is more than the amount.

1. Either I or II is sufficient

2.Both I and II are sufficient

3.Both II and III are sufficient

4.Either I or III is sufficient

5.None of these

Answer & Explanation

9. **A branch has a manager, a clerk and a sub staff. What is the salary of the sub staff?**

I. The clerk and the sub staff together get Rs.38000 per month.

II. Each Clerk gets Rs.14000 per month more than the Sub Staff.

III. The total salary per month of the manager and the clerk is Rs.65000

1.Only I and II

2.Only II and III

3.Only III

4.Either I or III

5.All the given statements are Insufficient

Answer & Explanation

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10. **Bipul, Vijay and Rahul are three friends dividing Rs.310 among themselves. What will be the share of Bipul?**

I. Vijay gets Rs.16 more than Rahul

II. Bipul gets Rs.3 more than Rahul

III. Bipul gets Rs.13 less than Vijay

1.Only I and II

2.Only II and III

3.All are sufficient

4.III and either I or II are sufficient

5.Any two are sufficient

Answer & Explanation

1. **What is the speed of the train whose length is 210m?**

I. The train crosses another train of 300m length running in opposite direction in 10s

II. The train crosses another train running in the same direction at the speed of 60kmph in 30s.

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **What is the man's speed in still water?**

   I. The speed of the stream is one-third of the man's speed in still water.

   II. In a given time, the man can swim twice as far with the stream as he can against it.

   Answer & Explanation

3. **What is the Ratio of male to female officers in the police force in town T?**

   I. The number of female officers is 250 less than half the number of male officers.

   II. The number of female officers is 1/7 the number of male officers.

   Answer & Explanation

4. **What is the rate of the Compound Interest?**

   I. A certain amount invested at the compound interest rate amounts to

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Rs. 1331

II. The amount was invested for a period of three years.

Answer & Explanation

5. **What is the difference between the two digits in a two-digit number?**

I. The sum of the two digits is 8.

II. 1/5 of that number is 15 less than 1/2 of 44

Answer & Explanation

6. **A, B, and C together start a business with a total investment of 15000. At the end of the year, the total profit is Rs.3000. What is A's share in the profit?**

I. A's contribution is 3/2 times of B's

II. B's contribution is twice that of C.

III. A's contribution is thrice that of C.

A. I and II

B. II and III

C. All I, II and III

D. Any two of the three

E. None of the Above

Answer & Explanation

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7. **What is the monthly income of Mr. X?**

I. Mr. X spends 85% of his income on various items and remaining amount is saved

II. Monthly savings of Mr. X are 4500

III. Out of the total money spent by Mr.X in a month, one-fifth is spent on food and remaining amount of Rs.20400 on other items.

A. Only II

B. Only III

C. All the given statements are Insufficient

D. Only either II or III

E. None of the Above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **What is the present age of Rahul?**

I. The present age of Rahul is half of his father's age

II. After 5 years, the ratio of ages of Rahul and his father is 6:11

III. Rahul is younger to his brother by five years.

A. I and II

B. I and III

C. Can not be determined

D. II and III

E. All of the Above

Answer & Explanation

9. **What was the profit earned on the CP by Ramesh by selling an article?**

I. He got 15% concession on labelled price in buying that article

II. He sold it for Rs.3060

III. He earned a profit of 2% on he labelled price in buying that article.

A. Only I and II

B. Only II and III

C. Only either I or III and II together are required

D. All I, II and III together are required

E. None of the Above

Answer & Explanation

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10. **What will be the share of R in the profit earned by V, R and A together?**

I. They together invested an amount of Rs.54000 for a period of 1 year

II. R's investment was 25% less than V's and 50% more than A's.

III. The profit of V is 4000 more than that of A.

A. I and II together

B. Only II

C. II and either I or III only

D. II and III together

E. None of the Above

Answer & Explanation

1. **What is the speed of the train whose length is 210m?**

I. The train crosses another train of 300m length running in opposite direction in 10s

II. The train crosses another train running in the same direction at the speed of 60kmph in 30s.

Answer & Explanation

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   I. The speed of the stream is one-third of the man's speed in still water.
   II. In a given time, the man can swim twice as far with the stream as he can against it.

   Answer & Explanation

3. **What is the Ratio of male to female officers in the police force in town T?**
   I. The number of female officers is 250 less than half the number of male officers.
   II. The number of female officers is 1/7 the number of male officers.

   Answer & Explanation

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I. A certain amount invested at the compound interest rate amounts to Rs. 1331

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Answer & Explanation

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Answer & Explanation

6. **A, B, and C together start a business with a total investment of 15000. At the end of the year, the total profit is Rs.3000. What is A's share in the profit?**

I. A's contribution is 3/2 times of B's

II. B's contribution is twice that of C.

III. A's contribution is thrice that of C.

A. I and II

B. II and III

C. All I, II and III

D. Any two of the three

E. None of the Above

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

7. **What is the monthly income of Mr. X?**

I. Mr. X spends 85% of his income on various items and remaining amount is saved

II. Monthly savings of Mr. X are 4500

III. Out of the total money spent by Mr.X in a month, one-fifth is spent on food and remaining amount of Rs.20400 on other items.

A. Only II

B. Only III

C. All the given statements are Insufficient

D. Only either II or III

E. None of the Above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **What is the present age of Rahul?**

I. The present age of Rahul is half of his father's age

II. After 5 years, the ratio of ages of Rahul and his father is 6:11

III. Rahul is younger to his brother by five years.

A. I and II

B. I and III

C. Can not be determined

D. II and III

E. All of the Above

Answer & Explanation

9. **What was the profit earned on the CP by Ramesh by selling an article?**

I. He got 15% concession on labelled price in buying that article

II. He sold it for Rs.3060

III. He earned a profit of 2% on he labelled price in buying that article.

A. Only I and II

B. Only II and III

C. Only either I or III and II together are required

D. All I, II and III together are required

E. None of the Above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **What will be the share of R in the profit earned by V, R and A together?**

I. They together invested an amount of Rs.54000 for a period of 1 year

II. R's investment was 25% less than V's and 50% more than A's.

III. The profit of V is 4000 more than that of A.

A. I and II together

B. Only II

C. II and either I or III only

D. II and III together

E. None of the Above

Answer & Explanation

1. **A car dealer sold 80% of the cars in its inventory during September. What was the total revenue from the sales of cars?**

I. All but 60 cars in the showroom inventory were sold during September.

II. Cars were sold for an average price of Rs.4.5 lakh during September.

Answer & Explanation

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2. **Did Incumbent P get over 60% of the vote?**
   I. Challenger M got 39% of the vote
   II. Incumbent P got 40000 of the total votes cast

   Answer & Explanation

3. **How much money did X invest?**
   I. An increase in the Simple Interest from 39/8 % to 41/8 % per annum increases his yearly income by 25%.
   II. The sum invested gets doubled, when invested at 8% per annum for 25/2 year.

   Answer & Explanation

4. **For a certain bottle and cork, what is the price of the cork?**
   I. The combined price of the bottle and the cork is Rs.95
   II. The price of the bottle is Rs.75 more than the price of the cork.

   Answer & Explanation

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5. **What is the weighted average of marks obtained by Deepak?**

I. Maths, Science and English have weights 5, 4 and 3 respectively.

II. Simple Arithmetic mean of Maths and science is 140, which is twice the average of Science and English.

Answer & Explanation

6. **In how many days 10 women can finish the work?**

I. 10 men finish the work in 6 days.

II. 10 women and 10 men finish the work in 24/7 days.

III. If 10 men work 3 days and after that 10 women are deployed to work for men, the rest work is finished in 4 days.

A. I and II

B. I and III

C. Any two of three

D. II and III

E. None of the Above

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **What is the cost of flooring the rectangular hall?**

I. Length and Breadth of the hall are in the ratio of 3:2

II. Length of the hall is 48m and cost of flooring is Rs.850 per sq m.

III. Perimeter of the hall is 160m and cost of flooring is Rs.850 per sq.m

A. I and II

B. I and III

C. Only III

D. I and either II or III

E. Any two of three

Answer & Explanation

8. **What is the rate of interest per cent per annum?**

I. An amount doubles itself in 5 year on SI

II. Difference between the CI and SI earned on a certain amount in two years is Rs.400

III. SI earned per annum is Rs.2000

A. I and II

B. I and III

C. Only III

Note: The Information Provided here is only for reference. It May vary the Original.

D. Either I or II and III

E. Any two of three

Answer & Explanation

9. **How much time will the train A take to cross another train B running in opposite direction?**

I. Train A crosses a signal pole in 6s

II. Ratio of the speed of trains A and B is 3:2

III. Length of two trains together is 500m

A. Only I

B. Only II

C. Only III

D. Only I and II

E. All the given statements are Insufficient

Answer & Explanation

10. **An Express Train leaves Delhi at 4pm for Mumbai, At what time will it reach Mumbai?**

I. It maintains the average speed of 110 kmph

II. It has four stoppages of 10 min each between Delhi and Mumbai

III. It covers 250km before each stoppage

A. Only II

B. Only II

C. Only III

D. All the given statements are Sufficient

E. All the given statements are Insufficient

Answer & Explanation

1. **What is the profit earned by selling a bike for rupees 50000?**

   1) The cost price of 4 such bikes is equal to selling price of 3 bikes

   2) 33.33% profit is earned by selling the bike.

   Answer & Explanation

2. **What is the rate of interest p.c.p.a?**

   1) The amount triples itself in 12 years

   2) The simple interest accrued in 4 years is Rs. 2000.

   Answer & Explanation

3. **The average salary of 10 teachers of a school is Rs.4500. A group of teachers whose average salary is Rs.3000 leave the**

school and 3 new teacher joins. What is the average salary of new group of teachers in the school?

1) There are 2 teachers that leave the school.

2) The salary of new teacher is 2500.

Answer & Explanation

4. **What is the perimeter of the rectangular field?**

1) Area of the field is 72m^2.

2) Length and breadth are in the ratio of 2:1.

Answer & Explanation

5. **How much profit did Bharti made by selling a chair?**

1) She bought the chair with 30% discount on marked price

2) She sold it with 10% profit on labelled price.

Answer & Explanation

6. **How long will machine B, working alone take to produce 'y' candles?**

1) Machine A produces 'y' candles in 10 minutes

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2) Machine A and Machine B working together produces 'y' candles in 4 minutes

Answer & Explanation

7. **A train crosses a pole in 20 seconds. What is the length of the train?**
   1) The train crosses another train running in same direction with the speed of 80km/hr in 11 seconds.
   2) Speed of the train is 54 km/hr.

   Answer & Explanation

8. **What is the speed of boat in still water?**
   1) It takes 4 hours to cover the distance between P and Q downstream
   2) It takes 6 hours to cover the distance between P and Q upstream.

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **What is the compound interest earned by Rahul at the end of 2 years?**

1) The amount invested is rupees 17000

2) Simple interest at the same rate for 2 year is rupees 2400 and the rate of interest is 10 p.c.p.a

Answer & Explanation

10. **How much time did P take to reach the destination?**

1) Q takes 24 minutes to reach the same destination

2) Ratio of the speed of P and Q is 3:4

Answer & Explanation

1. **What was the amount of profit earned?**

1) 20% discount is offered on marked price

2) If there is no discount, profit would be 30%.

3) Selling price is more than the cost price by 40 percent.

a) 1 and either 2 or 3

b) Any two of three

c) All 1, 2 and 3

d) Question cannot be answered even with all the information

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **What is the present age of satish?**

   1) Five years ago, satish age was double that of his son's age that time.

   2) Present age of satish and his son are in the ratio of 11:6.

   3) Five year hence, the respective ratio of satish age and his son's age become 12:7

   a) Only 1 and 2

   b) Only 2 and 3

   c) Any two of three

   d) All are needed

   e) None of these

   Answer & Explanation

3. **What is the two-digit number?**

   1) The number obtained by interchanging the digits is more than the original number by 27.

   2) Sum of the digits is 9.

   3) Difference between the digits is 3.

   a) only 1 and 2 needed

   b) only B and C needed

   c) only A and C needed

   d) Can't be determined

   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **What is the speed of the train?**

   1) The train crosses the signal pole in 9 seconds

   2) The train crosses a platform of equal length in 18 seconds

   3) Length of train is 320 meters.

   a) 1 and 2 needed

   b) 2 and 3 needed

   c) All 1, 2, 3 needed

   d) only C and either 1 or 2 needed

   e) None of these

   Answer & Explanation

5. **Who earns most among A, B, C, D and E?**

   1) A earns less than C but not less than E

   2) D earns more than A but not equal to B

   3) B earns more than A and E

   a) Can't be determined

   b) Only 1 and 2 needed

   c) All three are needed

   d) Only 2 and 3 needed

   e) None of these

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Answer & Explanation

6. **A, B and C together invested an amount of rupees 10000 in the ratio 5:3:2. What was the percent profit earned by them at the end of one year?**

1) B's share in the profit is 1200

2) Amount of profit received by A is equal to the profit received by B and C together

3) The amount of profit earned by B and C together is 2000

a) 1 or 3 only

b) 2 and 3 only

c) 1 and 3 only

d) can't be determined

e) None of these

Answer & Explanation

7. **What is A's position from the right end in a row of 30 students?**

1) A is third to the right of B, who is twelfth from the right end.

2) H is 14th from the right end of the row and there are eight students between H and A.

a) only 1 is needed

b) only 2 is needed

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c) both 1 and 2 needed
d) can't be determined
e) None of these

Answer & Explanation

8. **A, B, C, D, and E are sitting in a row. Who among them is in the middle?**
1) C is sitting on the immediate right of who is sitting on the immediate right of B
2) C and E always sit together with a condition that one of them will necessarily occupy the right end.
a) only 1 is needed
b) only 2 is needed
c) both 1 and 2 needed
d) can't be determined
e) None of these

Answer & Explanation

9. **How much time will the train A will take to cross another train B running in opposite direction?**
1) Train A crosses a signal pole in 12 seconds
2) Ratio of speed of train A and B is 2:3

3) Length of two trains together is 500 meters

a) 1 only

b) 2 only

c) 1 and 3 only

d) all 1, 2 and 3 needed

e) can't be determined

Answer & Explanation

10. **How many days did neha take to complete his work?**

1. Preeti correctly remembers that neha took more than 4 days but less than 11 days to complete the work.

2. Kirti correctly remembers that neha took more than 9 days but less than 15 days to complete the work

a) 1 only

b) 2 only

c) 1 and 2 needed

d) can't be determined

e) None of these

Answer & Explanation

1. **What was the amount of profit earned?**

1) 20% discount is offered on marked price

2) If there is no discount, profit would be 30%.

3) Selling price is more than the cost price by 40 percent.

a) 1 and either 2 or 3

b) Any two of three

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c) All 1, 2 and 3

d) Question cannot be answered even with all the information

e) None of these

Answer & Explanation

2. **What is the present age of satish?**

1) Five years ago, satish age was double that of his son's age that time.

2) Present age of satish and his son are in the ratio of 11:6.

3) Five year hence, the respective ratio of satish age and his son's age become 12:7

a) Only 1 and 2

b) Only 2 and 3

c) Any two of three

d) All are needed

e) None of these

Answer & Explanation

3. **What is the two-digit number?**

1) The number obtained by interchanging the digits is more than the original number by 27.

2) Sum of the digits is 9.

3) Difference between the digits is 3.

a) only 1 and 2 needed

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b) only B and C needed

c) only A and C needed

d) Can't be determined

e) None of these

Answer & Explanation

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3) Length of train is 320 meters.

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b) 2 and 3 needed

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Note: The Information Provided here is only for reference. It May vary the Original.

3) B earns more than A and E

a) Can't be determined

b) Only 1 and 2 needed

c) All three are needed

d) Only 2 and 3 needed

e) None of these

Answer & Explanation

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Answer & Explanation

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a) 1 only

b) 2 only

c) 1 and 2 needed

d) can't be determined

e) None of these

Answer & Explanation

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1. **What is the two digit number?**
   I. The difference between the digits of the number is 4.
   II. The number obtained by interchanging the digits of original number is less than the original number by 36.

   Answer & Explanation

2. **What is the rate of interest per annum?**
   I. At the end of 2 years, the difference between CI and SI at same rate is Rs 46.20
   II. The amount becomes four times in 20 years.

   Answer & Explanation

3. **In how many days, 12 men and 8 women will complete the work?**
   I. 5 women can complete the work in 2 days.
   II. 1 women and 10 men can complete the work in 5 days.

   Answer & Explanation

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4. **What is the speed of the train?**

   I. Length of train is 200 m.

   II. Train crosses a platform of equal length in 20 seconds.

   Answer & Explanation

5. **What is the area of square?**

   I. The length of diagonal is 24 m.

   II. The perimeter of square is 240 m.

   Answer & Explanation

6. **What is the percent profit earned?**

   I. The article is sold at 20% discount.

   II. If there was no discount given, the profit would have been 40%.

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Answer & Explanation

7. **A, B, and C invested in the ratio 2 : 3 : 4 in a business for 3 years. What is the amount received by B in the total profit?**

I. The average amount earned per year is Rs 10,500

II. The total profit at the end of 3 years is 2/5th of total investment.

Answer & Explanation

8. **In how many days A and B together complete a work?**

I. If A works alone for 10 days and B alone for 15 days, the work gets completed.

E) A can complete the work in 14 days.

Answer & Explanation

9. **In how many years, the sum of money will become 4 times at simple interest?**

I. The sum gets double in 5 years.

II. The interest earned in 3 years is 1/3rd of the sum.

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Answer & Explanation

10. **How many marks does A got in Math?**

I. The average marks obtained in 4 subjects is 62.

II. The sum of marks in English and Science is 172.

Answer & Explanation

1. **What is the rate of interest p.c.p.a. ?**

I.The amount doubles itself in 10 years.

II.The simple interest accrued in 3 years is Rs. 7,000.

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I or II is sufficient

5.None of these

Answer & Explanation

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2. **In a partnership business of A, B and C,what profit did B get at the end of 2 years ?**

I.A and B started the business by investing in ratio 3 : 5

II.C joined after 6 months with Rs. 4 lakhs

III. After two years, A's share in profit was Rs. 90000.

1.Only I is sufficient

2.Only II is sufficient

3.Only III is sufficient

4.Both I and III are sufficient

5.Both I and II are sufficient

Answer & Explanation

3. **What is the speed of boat in still water ?**

I.The boat covers a distance of 30 kms in 6 hours in downstream.

II.The boat takes 5 hours to cover the same distance in upstream.

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I and II is sufficient

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **What is the three digit number ?**

I.The three digit number is divisible by 6.

II.The first and the third digit is 2.

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I and II are sufficient

5.None of these

Answer & Explanation

5. **What is the population of State 'P' ?**

I.After increasing the population of State P by 20% it becomes 1.80 lakhs

II.Ratio of population of State P to that of State Q is 7 : 8 respectively

III. Population of State Q is 2 lakhs

1.Only I is sufficient

2.Only II is sufficient

3.Only III is sufficient

4.Any two of the three are sufficient

5.Either only I or II and III

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **What is the average age of six members M, N, O, P, Q and R ?**

I.Total age of N and R are 16 years

II.Average age of M,P are 12 years

III. The sum of ages of O and Q are 62 years

1.Only I is sufficient

2.Only II is sufficient

3.Only III is sufficient

4.Any two of the three are sufficient

5.All I , II, III are needed

Answer & Explanation

7. **What is the profit earned by selling a Laptop of Rs. 26,500 ?**

I.The cost price of 5 such Laptops is equal to selling price of 4 such Laptops.

II.25% profits is earned by selling each Laptop.

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I or II is sufficient

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **What is the perimeter of the rectangular field ?**

I.Area of the field is 80m

II.Sides of the rectangle are in the ratio 3:2

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I or II is sufficient

5.None of these

Answer & Explanation

9. **How many marks did A get in Science?**

I.A got 42 marks in English which were half the mark he got in Maths

II.His Science mark is 13 mark more than the mark he got in maths

1.Only I is sufficient

2.Only II is sufficient

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3.Both I and II are sufficient

4.Either I or II is sufficient

5.None of these

Answer & Explanation

10. **The average salary of 12 teachers of a school is Rs.6500. A group of teachers whose average salary is Rs.7000 leave the school and 2 new teacher joins. What is the average salary of new group of teachers in the school ?**

I.There are 4 teachers in the group which left the school

II.The salary of new teacher is Rs.3000

1.Only I is sufficient

2.Only II is sufficient

3.Both I and II are sufficient

4.Either I or II is sufficient

5.None of these

Answer & Explanation

1. **What is the area of a right angle triangle ?**

I.The base of a triangle is 12cm

II.The height of a triangle is 19cm

III.The hypotenuse of the triangle is 25cm

1.Only I is sufficient

2.Only II is sufficient

3.Only III is sufficient

4.Any two of the three are sufficient

5.None of these

Answer & Explanation

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